

Fresh Media Without Leaving The Booth

Search + AI Keys

This guide shows how to fill your playlists with new content during a tour: search free stock images, avatars and video (Pixabay and Pexels) from inside the app, and create AI art with Google Gemini (text-to-image, image-to-image and background removal). It covers where to...

DjMirror Pulse User Manual Series

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Table of Contents

Chapter 1: At A Glance

Chapter 2: The Keys (2 Min, Once Per Machine)

Chapter 3: How Searching Works

Chapter 4: Step By Step

Chapter 5: Pre-Show Checklist

Chapter 6: Troubleshooting

Chapter 7: Quick Recipe Card

Related guides: playlist basics are in the [Quick Start](#); artist profiles and logos are in [Content Management](#).

Chapter 1: At A Glance

I want to...	Do this	Needs
Find a photo	Images → Edit → type a search → globe button	Pixabay and/or Pexels key (optional)
Find a video loop	Videos → Edit → type a search → globe button	Pixabay and/or Pexels key (optional)
Find a portrait for an avatar	Avatars → Edit → type a search → globe button	Pixabay and/or Pexels key (optional)
Keep a result	Press its download button, or Download all search results	Internet connection
Make a logo with AI	Edit an artist → AI logo enhancement styles	Gemini key

Chapter 2: The Keys (2 Min, Once Per Machine)

Open **Settings** → **API Keys**. It has three pages, one per service. Key fields are masked with dots.

Settings page	Field	Provider	Unlocks
Image Search	Pixabay API Key	Pixabay	Image and avatar search
Image Search	Pexels API Key	Pexels	The same, from a second source
Video Search	Pixabay API Key	Pixabay	Video search
Video Search	Pexels API Key	Pexels	The same, from a second source
Image Enhancement	Gemini API Key	Google Gemini	Text-to-image, image-to-image and background removal

Without your own keys the panels use the services' built-in demo capacity; with your keys you get your own quotas and attribution. Keys are stored **on this computer only** — repeat the step on each booth laptop.

Warning

Treat API keys like passwords. Do not paste them into screenshots, chats or support tickets.

Chapter 3: How Searching Works

- **Typing filters your own library.** As you type in **Search images...** (or *videos, avatars*), the cards below narrow to the matching files already in the playlist. If nothing matches, the panel tells you there are no images.
- **The globe button searches online too.** Its tooltip reads *Search locally and on the web*. Pixabay and Pexels are asked **at the same time**, and the answers are merged into one list and shuffled for variety. The apps' own help quotes Pixabay as 3.9 million+ images and Pexels as 400 thousand+ photos and 30 thousand+ videos.
- **Every word counts.** A result must match all the words you typed, so **neon crowd** returns fewer pictures than **neon**. Use fewer, more specific words if you get nothing.
- **Download = import.** A downloaded image is saved at FullHD (1920×1080, centered crop) with a small information file (**.meta**) holding the source and credit; a video shows a progress indicator while it downloads. Files go to your **Visuals** folder (**Images**, **Videos**, **Avatars**, **Logos**) and are **added to the active playlist**, so they can play at once.
- **Playlists stay plain .txt files.** Downloading appends the new file names; it never rewrites your playlist by hand.

Chapter 4: Step By Step

Step 1 – Search images for tonight's theme (3 min)

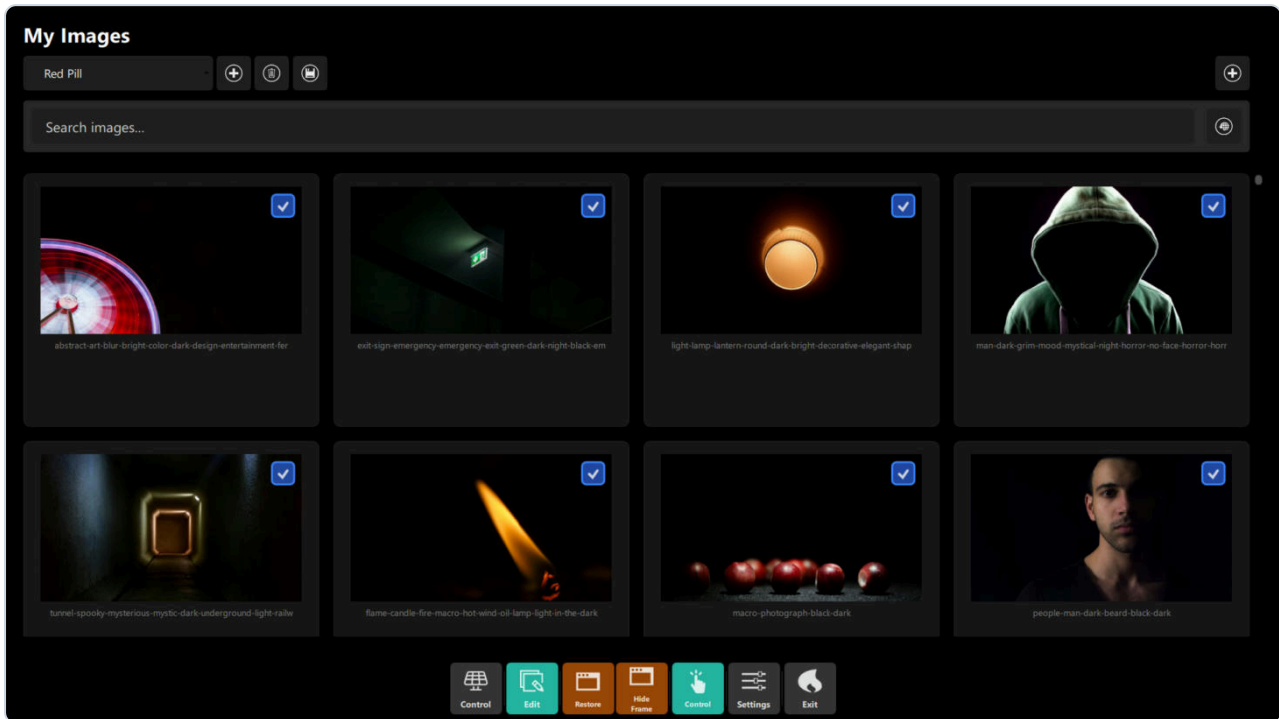


Figure 1: Images → Edit opens **My Images**: the playlist selector with New, Delete and Save buttons, the **Search images...** box with the globe button, + to add an image from disk, and one card per image with a tick to include it in the playlist.

1. Open the **Images** section (or **Avatars**) and press **Edit** in the bottom bar.
2. Pick the playlist at the top left. The buttons beside it **create a new playlist file**, **delete the selected playlist file** and **save the current selection**.
3. Type your search (**neon crowd**, **host portrait** ...) and press the **globe** button.

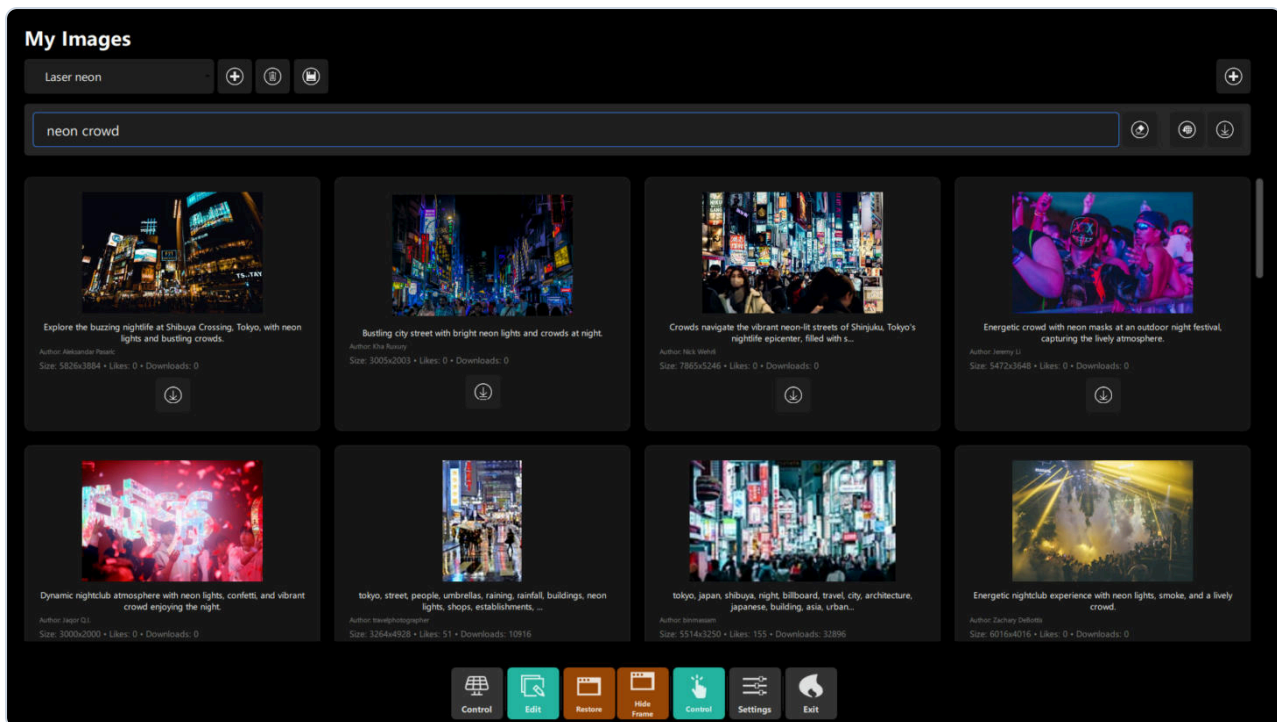


Figure 2: results for **neon crowd** Each card shows a description, the author, the size, likes and downloads, and a download button. The extra button at the top right, next to the globe, is **Download all search results**; the eraser button clears the search.

4. **Download** only the keepers. Confirm each one appears in the active playlist.
5. Step through the playlist from your controller or keyboard — new files play like local ones. The small **search** icon on one of your own image cards searches the web using that image's name, which is a quick way to find more like it.

Tip

Downloading everything is easy and fills the disk. Preview first, then keep a handful per theme.

Step 2 – Pull two video loops (3 min)

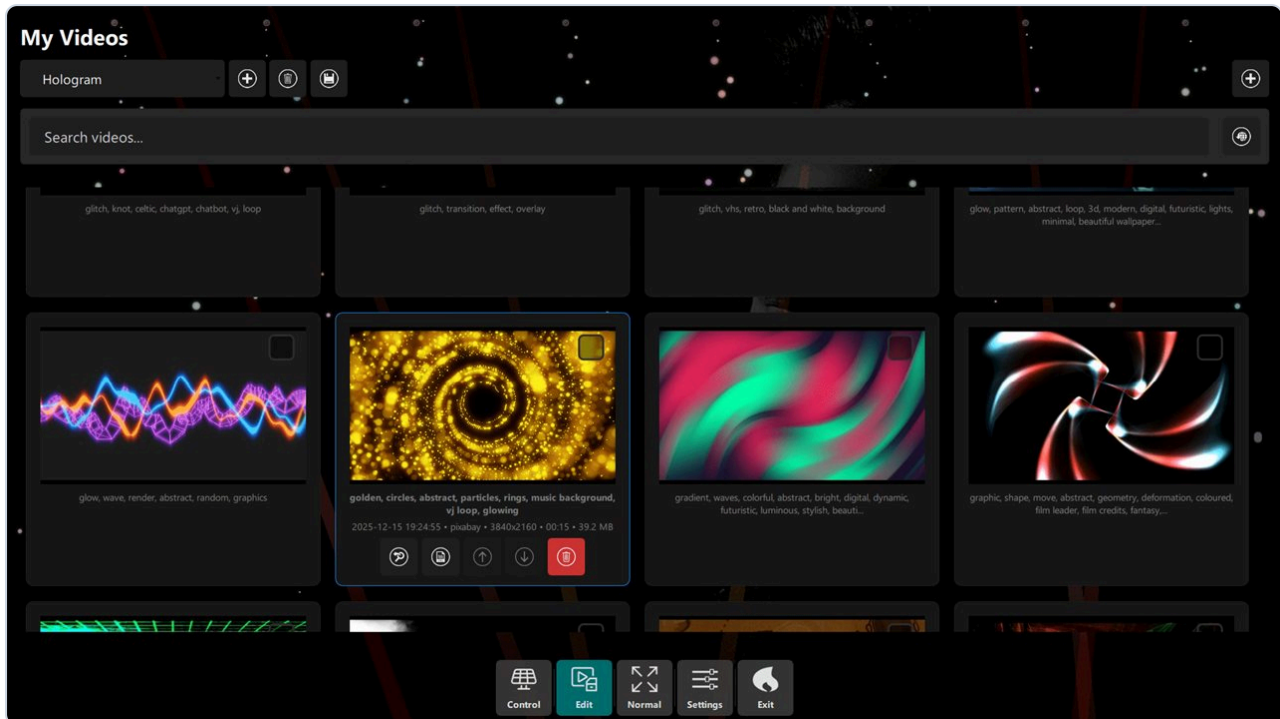


Figure 3: video results carry the source, resolution, duration and size — decide before you download.

Open **Videos** → **Edit** and search in the same way (**Search videos...**). Check the duration and size first, especially on venue Wi-Fi, then download (a progress indicator is shown). The file is added to the active video playlist; play it once to verify. Heavy files: download them at the hotel, not during doors.

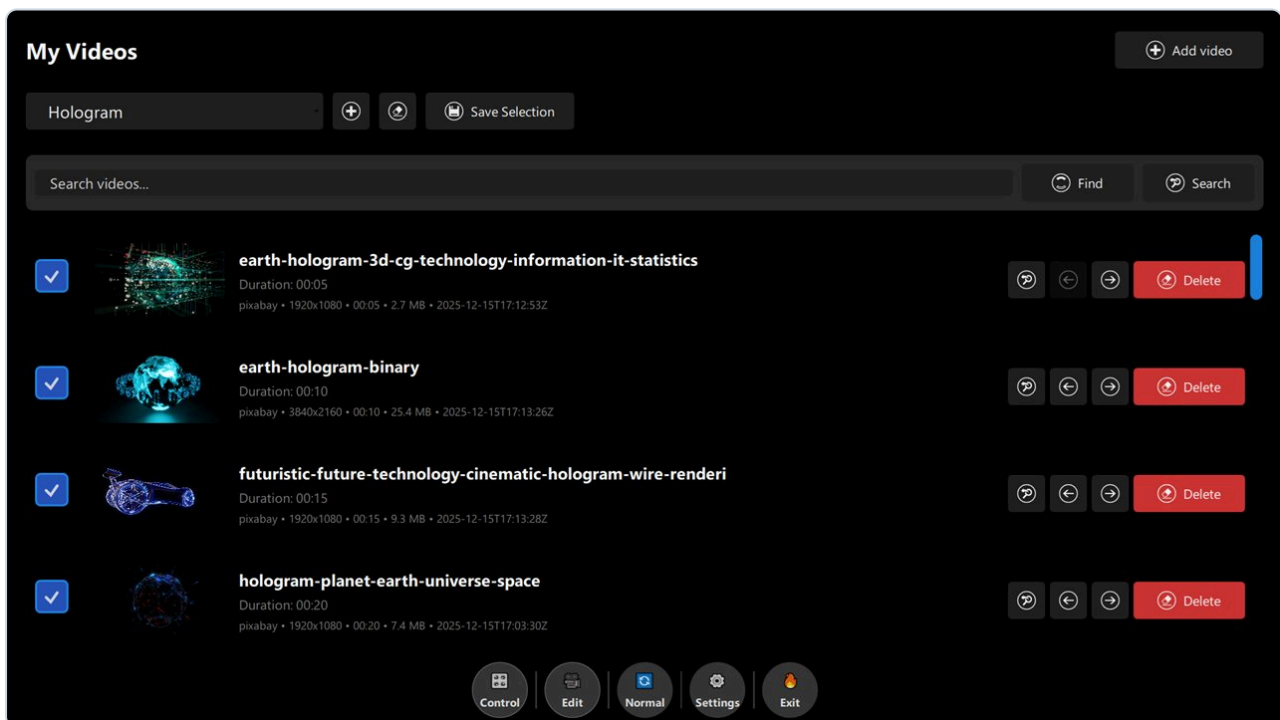


Figure 4: a grid of video results.

You can also add files you already own with the + button (*Add an image from disk*). The file picker accepts PNG, JPG/JPEG, GIF and BMP for images and avatars, and MP4, AVI, MOV and MKV for videos.

Step 3 – An AI logo for the headliner (5 min)

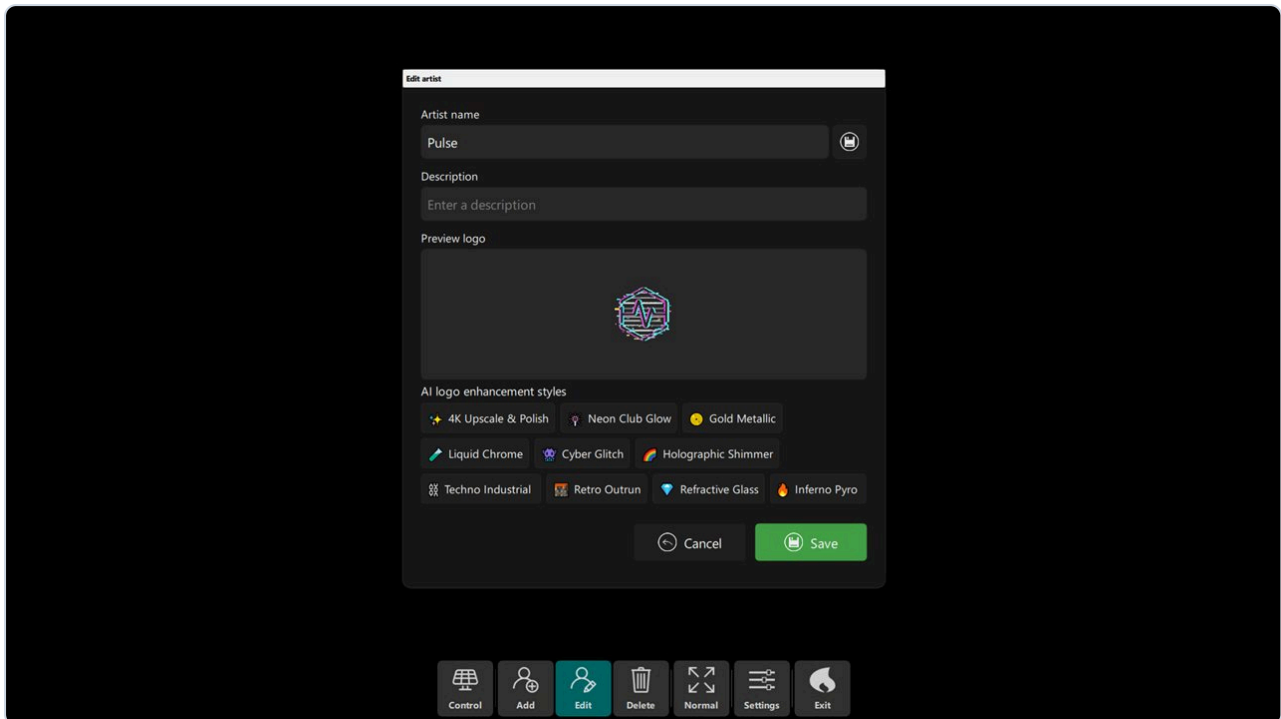


Figure 5: the AI styles offered when you edit an artist's logo.

1. Set the **Gemini** key (\$2).
2. Create the artist with a logo first, then **edit** the artist: the dialog offers **AI logo enhancement styles**. Choose one of the ten presets and review the preview. The generated image is saved as a separate logo file, and a restore control brings back the original before you save. More about artist dialogs: [Content Management](#).
3. The result is a transparent PNG named `logo_ai_<timestamp>_<n>.png` — it works well over dark visuals. Each preset asks the AI for a plain white background and the app then removes it automatically. Note which preset you used: recreating the same look later needs the same choice.

Preset	Look
4K Upscale & Polish	Sharper, cleaner version of the same logo
Neon Club Glow	Purple and cyan neon edges
Gold Metallic	Polished gold with 3D reflections
Liquid Chrome	Molten silver finish
Cyber Glitch	RGB split and scanlines
Holographic Shimmer	Iridescent rainbow finish
Techno Industrial	Brushed steel, gritty edges
Retro Outrun	1980s synthwave gradients
Refractive Glass	Thick crystal with light dispersion and rainbow streaks
Inferno Pyro	Fire and molten lava with glowing-ember edges



Figure 6: search → download → play: a downloaded stock visual with an artist logo on the output.

Chapter 5: Pre-Show Checklist

1. Keys are present on the show machine (all five, or the ones you use).
2. New downloads were played once in their playlists (images and videos).
3. AI logos are on the Artist Card and the transparent background looks right on dark visuals.
4. Large videos were downloaded in advance — no venue Wi-Fi roulette.
5. The `.meta` files of downloaded media are kept if you need to show credits.

Chapter 6: Troubleshooting

Symptom	Likely cause	Fix
Typing finds nothing	The text only filters your own library	Press the globe button to search online
Search returns nothing, or very few results	Too many words (all must match), no keys, or the demo quota is used up	Use fewer words; enter your keys (\$2); check the provider's status
A download stalls	Big file on weak Wi-Fi	Download off-site, or pick a smaller rendition first
A new file will not play	Unsupported format	Use JPG/PNG for images and MP4 for video; add the file to the playlist again
The downloaded item is in the wrong playlist	A different playlist was selected	Select the playlist before downloading, then check its file list
The AI result still has a background	The automatic background removal could not separate the logo	Try another preset, or start from a logo with a plain, high-contrast background
Keys are missing on a second laptop	Keys are stored per computer	Repeat \$2 on that machine
Avatar search looks wrong	Avatars use the image search	Search portrait-friendly terms

More: [Troubleshooting](#).

Chapter 7: Quick Recipe Card

- **Keys:** Settings → API Keys → Image Search (Pixabay, Pexels), Video Search (Pixabay, Pexels), Image Enhancement (Gemini). Per computer.
- **Search:** section → **Edit** → type → **globe** button (local + web) → download; the file lands in the active playlist at FullHD with a `.meta` credit file.
- **Typing alone only filters your library; every word must match online.**
- **AI:** edit an artist → **AI logo enhancement styles** (10 presets) → transparent `logo_ai_*.png`.
- **Verify** everything plays; pre-download heavy video off-site.